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U. Douglas
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)
William A. Cook et al.) Before the Examiner
Serial No. 542,590) M. Shein
Filed October 17, 1983) Group Art Unit 335
March 25, 1985)
EXERCISE RESPONSIVE CARDIAC)
PACEMAKER)

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AMENDMENT AFTER FINAL ACTION

Hon. Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

In response to the Office Action dated October 23, 1984, please enter the following amendment in the above-identified patent application.

IN THE CLAIMS:

Please amend claims 10, 13 and 14 as follows, and cancel claims 11 and 12.

10. (Twice amended) A catheter-based sensor and stimulus means for an exercise responsive cardiac pacemaker including pacing circuitry for providing electrical stimulation of a heart based upon the level of muscular exertion, comprising:

a [sensor means] thermistor for sensing blood temperature, said [sensor means] thermistor having a pair of electrical leads;

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Date of Deposit MARCH 25, 1985

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

William A. Cook
Signature of person mailing paper or fee